

## **AMENDMENTS TO CLAIMS**

### **Listing of Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Original): An anisotropically conductive sheet that exhibits conductivity in its thickness-wise direction, which comprises a semiconductive part that exhibits semiconductivity in the plane direction of the sheet.

Claim 2 (Original): The anisotropically conductive sheet according to Claim 1, wherein the volume resistivity of the semiconductive part is  $10^{-7}$  to  $10^4 \Omega\text{m}$ .

Claim 3 (Original): The anisotropically conductive sheet according to Claim 1, wherein the surface resistivity of the semiconductive part is  $10^{-1}$  to  $10^{10} \Omega/\square$ .

Claim 4 (Original): An anisotropically conductive sheet comprising a plurality of conductive parts each extending in the thickness-wise direction of the sheet and semiconductive parts each exhibiting semiconductivity in the plane direction of the sheet and formed so as to surround each of the conductive parts.

Claim 5 (Original): An anisotropically conductive sheet comprising a plurality of conductive parts each extending in the thickness-wise direction of the sheet, insulating parts formed so as to surround each of the conductive parts, and semiconductive parts each exhibiting semiconductivity in the plane direction of the sheet and formed so as to surround each of the insulating parts.

Claim 6 (Original): An anisotropically conductive sheet comprising a base sheet exhibiting semiconductivity in its plane direction and conductive particles contained in the base sheet in a state oriented so as to be arranged in the thickness-wise direction of the base sheet.

Claim 7 (Original): The anisotropically conductive sheet according to Claim 1, wherein the semiconductive parts or base sheet contains at least one conductive substance selected from among conductive organic substances, amine type organic conductive substances, conductive polymers, metallic particles and carbon black.

Claim 8 (Original): The anisotropically conductive sheet according to Claim 1, wherein the semiconductive parts or base sheet contains a sodium salt of an alkylsulfonic acid as a conductive substance.

Claim 9 (Original): A process for producing the anisotropically conductive sheet according to Claim 4, which comprises the steps of forming a sheet-forming material layer with conductive particles which exhibit magnetism, and a semiconductivity-imparting substance contained in a polymer-forming material which will become an elastic polymeric substance by curing, applying a parallel magnetic field having an intensity distribution to the sheet-forming material layer in the thickness-wise direction thereof and subjecting the sheet-forming material layer to a curing treatment.

Claim 10 (Original): A process for producing the anisotropically conductive sheet according to Claim 4, which comprises the steps of providing a sheet for semiconductive part

exhibiting semiconductivity, in which through-holes or openings have been formed, forming a layer of a material for conductive part containing conductive particles, which exhibit magnetism, in a polymer-forming material which will become an elastic polymeric substance by curing, in each of the through-holes or openings in the sheet for semiconductive part, applying a parallel magnetic field or a parallel magnetic field having an intensity distribution to the layer of the material for conductive part in the thickness-wise direction thereof and subjecting the layer of the material for conductive part to a curing treatment.

Claim 11 (Original): A process for producing the anisotropically conductive sheet according Claim 6, which comprises the steps of forming a sheet-forming material layer with conductive particles which exhibit magnetism, and a semiconductivity-imparting substance contained in a polymer-forming material which will become an elastic polymeric substance by curing, applying a parallel magnetic field to the sheet-forming material layer in the thickness-wise direction thereof and subjecting the sheet-forming material layer to a curing treatment.

Claim 12 (Original): A connector formed of the anisotropically conductive sheet according Claim 1.

Claim 13 (Original): A method for inspecting a circuit device, which comprises conducting electrical inspection of the circuit device using the connector according to Claim 12.

Claims 14-32 (Canceled).